

# Comparisons of Job Characteristics

**Focus Occupation:** [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

**Associated Occupation:** [Helpers--Electricians \(47-3013\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

**Focus Occupation:** [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

**Associated Occupation:** [Helpers--Electricians \(47-3013\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	14.8	6.9	<< Extensive education and/or training may be required
Mechanical	6.8	13.4	15.0	> Current knowledge level is likely sufficient
Design	5.2	8.3	8.2	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 86

**Focus Occupation:** [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

**Associated Occupation:** [Helpers--Electricians \(47-3013\)](#)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Equipment Maintenance	3.5	8.0	10.7	>> Skill level is likely more than sufficient
Repairing	3.4	7.6	9.4	> Skill level is likely sufficient
Installation	1.7	5.7	5.8	0 Current skill level may be sufficient
Equipment Selection	3.3	5.1	8.7	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation:** [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

**Associated Occupation:** [Helpers--Electricians \(47-3013\)](#)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Manual Dexterity	6.5	13.0	9.7	<<	Extensive improvement in abilities may be required
Near Vision	11.1	12.9	12.0	0	Current ability level may be sufficient
Extent Flexibility	4.8	12.2	13.4	0	Current ability level may be sufficient
Trunk Strength	5.7	10.0	11.1	>	Current ability level is likely sufficient
Visual Color Discrimination	6.4	10.0	10.2	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	9.2	8.4	0	Current ability level may be sufficient
Gross Body Coordination	3.9	8.0	8.4	0	Current ability level may be sufficient
Dynamic Strength	3.5	7.4	8.5	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)**  
**Associated Occupation: Helpers--Electricians (47-3013)**

Work Activities	Exclusivity of Activity
Apply cleaning solvents	41
Assist mechanic, or extractive or construction trades craft worker	81
Clean equipment or machinery	20
Clean rooms or work areas	30
Fabricate, assemble, or disassemble manufactured products by hand	11
Maintain or repair cargo or passenger vehicle	69
Move or fit heavy objects	8
Read blueprints	10
Repair or replace electrical wiring, circuits, fixtures, or equipment	49
Replace electronic components	63
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)**  
**Associated Occupation: Helpers--Electricians (47-3013)**

Tools and Technologies	Exclusivity
Aerial lifts	13
Compressors	9

Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Data management and query software	1
Earth moving machinery	11
Face and head protection	7
Forming tools	2
Holding and clamping tools	3
Industrial trucks	10
Ladders and scaffolding	6
Lifting equipment and accessories	3
Machine tools	7
Measuring and layout tools	3
Pneumatic tools	8
Power tools	2
Safety apparel	4
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.